

What is claimed as new and what is desired to secure by Letters Patent of the United States is:

1. A control system for assisting drivers to operate a vehicle, said system comprising:

a control panel electrically coupled to a vehicle dashboard and being operable by a driver for generating a plurality of input signals so that a vehicle can be selectively operated;

a plurality of hydrostatic motors and a speed gear and a plurality of hydraulic lines for connecting said speed gear to said plurality of hydrostatic motors, said plurality of hydrostatic motors being operably connected to a plurality of vehicle wheels respectively and for causing same to rotate at variable speeds;

a steering box and a hydrostatic pump operably connected thereto, said hydrostatic pump containing a predetermined volume of fluid for selectively generating and transmitting fluid pressure to said steering box according to said plurality of input signals;

a first controller connected to said control panel and said steering box and said hydrostatic pump respectively, said first controller for receiving select ones of said plurality of input signals and generating a plurality of corresponding output signals for controlling a vehicle direction of travel;

a second controller connected to said control panel and said speed gear respectively, said second controller for receiving alternate ones of said plurality of input signals and generating a plurality of corresponding output signals for controlling a vehicle speed; and

an adjustable mirror mounted above said first and second controllers and being selectively pivotal between along an x-axis and y-axis, said mirror comprising a plurality of independently movable sections disposed adjacent each other along a substantially horizontal plane and extending across a select portion of a vehicle interior so that an operator may have a line of sight extending in a plurality of directions.

2. The control system of claim 1, wherein said speed gear comprises:
a Waterbury speed gear.

3. The control system of claim 1, wherein said hydrostatic pump and said speed gear are operably connected to a vehicle engine and for cooperating therewith to control a vehicle speed.

4. The control system of claim 1, wherein said control panel further comprises:
a global positioning system for providing driving directions to a vehicle operator.

5. The control system of claim 1, wherein said control panel further comprises: a locking mechanism connected to said control panel and for allowing an operator to selectively adjust said control panel to a predetermined position.

6. The control system of claim 1, wherein said control panel further comprises:
an elongated control lever electrically coupled to said first and second controllers so that an operator may effectively control movement of a vehicle.

7. The control system of claim 1, further comprising:
a plurality of elongated roll bars having opposed end portions connected to select portions of a vehicle frame, said plurality of roll bars extending across a vehicle width and for providing structural support thereto.

8. A control system for assisting drivers to operate a vehicle, said system comprising:

a control panel electrically coupled to a vehicle dashboard and being operable by a driver for generating a plurality of input signals so that a vehicle can be selectively operated;

a plurality of hydrostatic motors and a speed gear and a plurality of hydraulic lines for connecting said speed gear to said plurality of hydrostatic motors, said plurality

of hydrostatic motors being operably connected to a plurality of vehicle wheels respectively and for causing same to rotate at variable speeds;

a steering box and a hydrostatic pump operably connected thereto, said hydrostatic pump containing a predetermined volume of fluid for selectively generating and transmitting fluid pressure to said steering box according to said plurality of input signals;

a first controller connected to said control panel and said steering box and said hydrostatic pump respectively, said first controller for receiving select ones of said plurality of input signals and generating a plurality of corresponding output signals for controlling a vehicle direction of travel;

a second controller connected to said control panel and said speed gear respectively, said second controller for receiving alternate ones of said plurality of input signals and generating a plurality of corresponding output signals for controlling a vehicle speed;

a plurality of elongated roll bars having opposed end portions connected to select portions of a vehicle frame, said plurality of roll bars extending across a vehicle width and for providing structural support thereto; and

an adjustable mirror mounted above said first and second controllers and being selectively pivotal between along an x-axis and y-axis, said mirror comprising a plurality of independently movable sections disposed adjacent each other along a substantially horizontal plane and extending across a select portion of a vehicle interior so that an operator may have a line of sight extending in a plurality of directions.

9. The control system of claim 8, wherein said speed gear comprises:
a Waterbury speed gear.

10. The control system of claim 8, wherein said hydrostatic pump and said speed gear are operably connected to a vehicle engine and for cooperating therewith to control a vehicle speed.

11. The control system of claim 8, wherein said control panel further comprises:
a global positioning system for providing driving directions to a vehicle operator.

12. The control system of claim 8, wherein said control panel further comprises:
a locking mechanism connected to said control panel and for allowing an operator to
selectively adjust said control panel to a predetermined position.

13. The control system of claim 8, wherein said control panel further comprises:
an elongated control lever electrically coupled to said first and second controllers so
that an operator may effectively control movement of a vehicle.

14. A control system for assisting drivers to operate a vehicle, said system
comprising:

a control panel electrically coupled to a vehicle dashboard and being operable by
a driver for generating a plurality of input signals so that a vehicle can be selectively
operated;

a plurality of hydrostatic motors and a speed gear and a plurality of hydraulic
lines for connecting said speed gear to said plurality of hydrostatic motors, said plurality
of hydrostatic motors being operably connected to a plurality of vehicle wheels
respectively and for causing same to rotate at variable speeds;

a steering box and a hydrostatic pump operably connected thereto, said
hydrostatic pump containing a predetermined volume of fluid for selectively generating
and transmitting fluid pressure to said steering box according to said plurality of input
signals, said hydrostatic pump and said speed gear are operably connected to a vehicle
engine and for cooperating therewith to control a vehicle speed;

a first controller connected to said control panel and said steering box and said
hydrostatic pump respectively, said first controller for receiving select ones of said
plurality of input signals and generating a plurality of corresponding output signals for
controlling a vehicle direction of travel;

a second controller connected to said control panel and said speed gear
respectively, said second controller for receiving alternate ones of said plurality of input

signals and generating a plurality of corresponding output signals for controlling a vehicle speed;

a plurality of elongated roll bars having opposed end portions connected to select portions of a vehicle frame, said plurality of roll bars extending across a vehicle width and for providing structural support thereto; and

an adjustable mirror mounted above said first and second controllers and being selectively pivotal between along an x-axis and y-axis, said mirror comprising a plurality of independently movable sections disposed adjacent each other along a substantially horizontal plane and extending across a select portion of a vehicle interior so that an operator may have a line of sight extending in a plurality of directions.

15. The control system of claim 14, wherein said speed gear comprises:
a Waterbury speed gear.

16. The control system of claim 14, wherein said control panel further comprises:
a global positioning system for providing driving directions to a vehicle operator.

17. The control system of claim 14, wherein said control panel further comprises:
a locking mechanism connected to said control panel and for allowing an operator to selectively adjust said control panel to a predetermined position.

18. The control system of claim 14, wherein said control panel further comprises:
an elongated control lever electrically coupled to said first and second controllers so that an operator may effectively control movement of a vehicle.